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<110> DeLaney, William IV  
Locarnini, Stephen Alister  
Chen, Robert Yung Ming  
Bartholomeusz, Angeline  
Isom, Harriet

<120> An assay

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<140> 09/781,891

<141> 2001-02-02

<150> 60/179,948

<151> 2000-02-03

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<170> PatentIn version 3.0

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 Cys Pro Pro Xaa Cys Xaa Gly Tyr Arg Trp Met Cys Leu Xaa Arg Phe  
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 Gly Ser Ser Gly Leu Ser Asp Arg Tyr Val Ala Arg Leu Ser Ser Thr  
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 Xaa Ser Arg Xaa Xaa Ile Xaa Xaa Tyr His Gln His Tyr Gly Arg Asp  
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 65 70 75 80  
 Leu Leu Met Leu Leu Tyr Lys Gln Thr Tyr Phe Gly Arg Trp Lys Leu  
 85 90 95  
 His Leu Tyr Leu Ser Ala His Pro Ile Ile Val Leu Gly Phe Arg Lys  
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 Asp Val Leu Met Val Leu Gly Ala Lys Arg Ser Thr Val Gly Gln Glu  
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 His Leu Ser Arg Glu Ser Phe Leu Phe Tyr Thr Ala Ala Ser Val Ile  
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 Thr Cys Xaa Ser Phe Val Leu Leu Ser Asp Leu Val Gly Ile His Leu  
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225

230

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<211> 4084

<212> DNA

<213> HBV 1.28 genome

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<211> 119

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Amino acid sequence of a surface antigen of HBV beginning from amino acid position 108.

<400> 23

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Thr	Lys	Pro	Ser	Asp	Gly	Asn	Cys	Thr	Cys	Ile	Pro	Ile	Pro	Ser	Ser
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Trp	Ala	Phe	Ala	Arg	Phe	Leu	Trp	Glu	Trp	Ala	Ser	Val	Arg	Phe	Ser
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Pro	Thr	Val	Trp	Leu	Ser	Val	Ile	Trp	Met	Met	Trp	Tyr	Trp	Gly	Pro
				85					90					95	
Ser	Leu	Tyr	Asn	Ile	Leu	Ser	Pro	Phe	Leu	Pro	Leu	Leu	Pro	Ile	Phe
			100					105					110		
Phe	Cys	Leu	Trp	Val	Tyr	Ile									
		115													